

LIST OF SUSPECT LAND SURFACE STATIONS FOR DEC 2004

WMO REGION 1

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
62271	24.2	23.3	436	ALL	MSLP	33	0	0	1.2	4.6	4.7
65125	9.3	7.0	344	ALL	MSLP	21	0	0	1.4	4.3	4.5
68903	-37.0	-12.3	51	ALL	MSLP	38	25	66	7.6	-1.6	7.5

WMO REGION 2

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
24266	67.6	133.4	137	ALL	MSLP	124	0	0	2.1	4.4	4.9
24671	64.0	135.9	402	ALL	MSLP	118	0	0	2.7	7.9	8.3
24688	63.3	143.1	741	ALL	MSLP	124	68	55	3.9	10.7	11.4
30372	56.9	118.3	711	ALL	MSLP	124	0	0	3.4	5.5	6.4
30537	54.0	108.3	464	ALL	MSLP	88	1	1	3.2	-7.8	8.4
30635	53.4	109.0	461	ALL	MSLP	124	0	0	2.7	-5.0	5.7
30726	52.6	107.1	461	ALL	MSLP	122	2	2	2.8	-5.8	6.4
30731	53.0	108.3	487	ALL	MSLP	62	0	0	3.0	-6.3	6.9
30811	51.7	102.5	721	ALL	MSLP	119	0	0	3.1	4.0	5.1
30822	51.7	105.8	467	ALL	MSLP	101	0	0	2.8	-4.8	5.5
31054	59.2	135.1	212	ALL	MSLP	105	1	1	3.8	5.0	6.2
31137	56.3	131.1	850	ALL	MSLP	121	4	3	4.8	6.4	8.0
31329	53.1	132.9	542	ALL	MSLP	123	1	1	3.0	4.5	5.4
31478	52.3	134.0	902	ALL	MSLP	121	0	0	4.3	5.2	6.8
36096	51.7	94.5	628	ALL	MSLP	120	18	15	3.6	6.7	7.6
36864	43.5	75.3	743	ALL	MSLP	124	1	1	2.3	4.6	5.1
38599	40.2	69.7	427	ALL	MSLP	55	0	0	2.3	4.3	4.8
38611	41.0	71.6	474	ALL	MSLP	118	0	0	2.6	4.3	5.0
38613	40.9	72.9	765	ALL	MSLP	122	0	0	2.4	4.7	5.3
38616	40.7	72.9	868	ALL	MSLP	122	0	0	2.5	4.7	5.4
38933	37.8	68.8	429	ALL	MSLP	83	2	2	3.0	8.2	8.7
40700	39.7	48.1	45	ALL	MSLP	118	0	0	1.5	-4.2	4.4
40701	39.3	44.4	1411	ALL	MSLP	112	0	0	3.1	4.7	5.6
40703	38.5	45.0	1107	ALL	MSLP	113	0	0	3.5	5.2	6.3
40706	38.1	46.3	1361	ALL	MSLP	120	1	1	3.4	4.2	5.4
40710	37.9	47.5	1682	ALL	MSLP	118	3	3	5.0	4.8	6.9
40726	36.8	45.7	1385	ALL	MSLP	99	0	0	3.4	6.7	7.5
40785	34.0	51.5	982	ALL	MSLP	120	0	0	2.9	4.9	5.7
40798	32.3	50.8	2061	ALL	MSLP	105	15	14	4.7	4.4	6.4
40836	30.8	51.7	1880	ALL	MSLP	116	0	0	3.0	5.0	5.8
44203	51.1	99.7	1583	ALL	MSLP	121	54	45	4.8	8.4	9.7
44207	50.4	100.2	1687	ALL	MSLP	121	10	8	5.5	4.5	7.1
44212	49.8	92.1	936	ALL	MSLP	120	38	32	3.4	9.7	10.3
44213	49.7	94.4	1232	ALL	MSLP	122	21	17	4.5	8.4	9.5
44216	48.8	93.1	1051	ALL	MSLP	111	19	17	3.8	6.4	7.5
44218	48.0	91.7	1406	ALL	MSLP	121	16	13	6.1	3.7	7.1
44219	47.6	95.0	1391	ALL	MSLP	116	21	18	4.4	4.2	6.1
44221	49.7	96.4	1420	ALL	MSLP	114	30	26	4.2	7.8	8.9
44224	48.8	90.1	1928	ALL	MSLP	121	42	35	7.0	1.4	7.1
44225	48.7	98.3	1723	ALL	MSLP	117	56	48	4.9	7.8	9.1
44229	48.2	99.9	2055	ALL	MSLP	115	8	7	5.9	4.8	7.6
44230	49.6	102.0	1236	ALL	MSLP	122	0	0	4.3	5.7	7.2
44231	49.6	100.2	1288	ALL	MSLP	123	9	7	5.5	4.4	7.0
44232	49.4	102.7	933	ALL	MSLP	123	2	2	4.3	5.7	7.1
44243	49.8	106.7	676	ALL	MSLP	113	0	0	3.5	4.4	5.6
44263	46.9	91.1	1951	ALL	MSLP	108	54	50	4.7	8.7	9.9
44265	46.1	91.6	1186	ALL	MSLP	122	8	7	3.6	6.4	7.4
44275	46.8	98.1	2255	ALL	MSLP	120	18	15	6.2	3.6	7.2
44277	46.4	96.3	2147	ALL	MSLP	121	2	2	6.9	-2.7	7.4
44284	46.7	100.1	2117	ALL	MSLP	120	31	26	5.3	7.1	8.8
44285	46.9	102.8	1655	ALL	MSLP	122	1	1	5.0	5.6	7.5
44291	47.8	106.8	1272	ALL	MSLP	113	1	1	4.8	4.5	6.6
44302	47.8	112.1	926	ALL	MSLP	107	0	0	3.4	5.9	6.8
48952	15.7	106.4	168	ALL	MSLP	39	0	0	0.7	-4.7	4.8
51076	47.7	88.1	737	ALL	MSLP	124	0	0	2.9	4.5	5.3
51087	47.0	89.5	827	ALL	MSLP	124	0	0	3.3	5.8	6.6
51243	45.6	84.8	428	ALL	MSLP	124	0	0	2.7	4.5	5.2
51334	44.6	82.9	321	ALL	MSLP	120	0	0	2.9	6.3	6.9
51379	44.0	89.6	794	ALL	MSLP	117	0	0	3.4	4.7	5.8

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
51463	43.8	87.7	919	ALL	MSLP	124	0	0	3.1	4.2	5.2
51709	39.5	76.0	1291	ALL	MSLP	124	1	1	3.7	4.4	5.7
51811	38.4	77.3	1232	ALL	MSLP	123	0	0	3.3	4.8	5.8
51818	37.6	78.3	1376	ALL	MSLP	121	0	0	3.6	5.0	6.2
52418	40.2	94.7	1140	ALL	MSLP	124	2	2	3.3	4.5	5.6
52533	39.8	98.5	1478	ALL	MSLP	124	0	0	3.1	4.1	5.2
53192	44.0	114.9	1128	ALL	MSLP	123	0	0	2.6	4.3	5.0
54386	41.3	128.2	1018	ALL	MSLP	121	0	0	2.6	4.1	4.8

WMO REGION 3

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
80099	7.1	-70.7	128	ALL	MSLP	29	0	0	1.7	-4.4	4.7
80398	-4.2	-69.9	84	ALL	MSLP	57	0	0	1.3	5.8	5.9
82212	-2.5	-66.2	55	ALL	MSLP	90	2	2	2.3	4.7	5.2
82445	-4.3	-55.6	45	ALL	MSLP	93	0	0	1.2	4.3	4.4
83264	-12.2	-56.5	415	ALL	MSLP	93	0	0	1.2	5.6	5.8
83270	-13.5	-52.5	430	ALL	MSLP	89	0	0	1.7	4.5	4.8
83319	-14.7	-52.3	315	ALL	MSLP	92	1	1	1.1	5.6	5.7
83726	-22.0	-47.9	856	ALL	MSLP	89	0	0	1.6	4.1	4.4
83970	-31.3	-50.9	5	ALL	MSLP	69	0	0	2.3	-5.2	5.7
84377	-3.8	-73.3	126	ALL	MSLP	92	0	0	1.2	4.2	4.3
84390	-4.6	-81.3	90	ALL	MSLP	21	0	0	1.2	4.2	4.4
84401	-5.2	-80.6	55	ALL	MSLP	91	0	0	1.4	5.1	5.3
84452	-6.8	-79.8	34	ALL	MSLP	89	0	0	1.5	5.6	5.8
84455	-6.4	-76.4	282	ALL	MSLP	65	0	0	1.9	9.7	9.9
84501	-8.1	-79.0	30	ALL	MSLP	67	0	0	1.6	5.9	6.1
84720	-14.9	-74.9	567	ALL	MSLP	42	1	2	1.3	5.9	6.1
85041	-11.0	-68.8	235	ALL	MSLP	42	0	0	1.7	7.5	7.7
85315	-20.0	-63.5	798	ALL	MSLP	46	0	0	2.6	4.0	4.8
85365	-22.0	-63.7	645	ALL	MSLP	44	0	0	2.8	6.0	6.6
85394	-22.8	-64.3	381	ALL	MSLP	37	0	0	3.1	4.1	5.1
85406	-18.4	-70.3	55	ALL	MSLP	121	0	0	1.7	4.8	5.1

WMO REGION 4

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
70271	62.2	-145.4	481	ALL	MSLP	120	0	0	4.2	4.0	5.8
71023	65.9	-89.4	18	ALL	MSLP	124	38	31	8.3	2.7	8.7
71094	66.7	-61.4	725	ALL	MSLP	123	0	0	1.6	-4.8	5.0
71139	49.7	-109.5	1271	ALL	MSLP	124	0	0	1.9	-4.0	4.5
71506	67.0	-136.2	720	ALL	MSLP	123	1	1	3.1	-5.8	6.6
71917	80.0	-85.9	10	ALL	MSLP	124	0	0	2.8	4.5	5.3
72375	35.1	-11.2	2139	ALL	MSLP	122	16	13	8.7	0.3	8.6
72462	37.4	-105.9	2299	ALL	MSLP	123	0	0	5.1	5.0	7.1
76122	30.4	-107.9	1467	ALL	MSLP	55	0	0	3.4	4.2	5.4
76220	29.0	-107.8	1932	ALL	MSLP	28	9	32	3.9	10.1	10.8
76323	26.9	-105.7	1661	ALL	MSLP	56	0	0	4.0	5.5	6.8
76571	21.9	-102.3	1874	ALL	MSLP	25	0	0	3.6	4.3	5.6
76634	20.1	-98.4	2181	ALL	MSLP	33	0	0	3.2	4.8	5.7
76662	20.0	-102.3	1562	ALL	MSLP	20	0	0	2.4	5.3	5.8
76687	19.5	-96.9	1389	ALL	MSLP	80	0	0	1.9	4.9	5.2
76762	17.5	-99.5	1265	ALL	MSLP	36	0	0	1.6	4.7	5.0
78588	17.2	-87.5	1	ALL	MSLP	120	120	100	**	**	**

WMO REGION 5

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
96753	-6.5	106.8	250	ALL	MSLP	54	0	0	1.6	4.3	4.6
96947	-8.0	112.7	526	ALL	MSLP	20	0	0	1.2	4.3	4.5
97012	1.5	124.9	67	ALL	MSLP	75	1	1	2.0	-7.5	7.7
97378	-10.7	123.1	1	ALL	MSLP	45	18	40	3.8	-13.7	14.2

WMO REGION 6

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
11116	47.5	10.8	870	ALL	MSLP	62	0	0	2.1	4.4	4.9
11120	47.3	11.4	593	ALL	MSLP	124	0	0	2.2	4.1	4.7
11141	47.4	13.2	550	ALL	MSLP	106	14	13	2.0	5.0	5.4
11204	46.8	12.8	665	ALL	MSLP	123	0	0	2.9	4.8	5.6
11270	46.8	13.1	630	ALL	MSLP	122	0	0	2.4	4.3	4.9
37788	40.2	44.4	854	ALL	MSLP	119	1	1	3.6	5.6	6.6

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
40030	35.1	36.8	303	ALL	MSLP	40	0	0	2.3	-4.2	4.8

WMO REGION ANTARCTICA

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
89263	-66.0	-66.1	20	ALL	MSLP	123	22	18	1.2	13.1	13.1

LIST OF SUSPECT RADIOSONDE STATIONS FOR DEC 2004

WMO REGION 1

STN No.	LAT	LONG	HT(M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
61902	-8.0	-14.4	79	12	GEOP	1000	18	0	36.1	-3.0	35.2	4
61967	-7.3	72.4	3	12	GEOP	1000	10	0	33.2	-24.2	39.7	3

WMO REGION 2

STN No.	LAT	LONG	HT(M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
21946	70.6	147.9	61	12	GEOP	30	10	0	84.3	-266.9	278.6	8
23418	65.1	57.1	59	00	GEOP	250	27	0	70.9	42.0	81.2	5
24343	66.8	123.4	92	00	GEOP	30	18	0	131.8	-143.4	192.3	5
24944	60.4	120.4	226	00	GEOP	250	27	0	79.4	-16.3	79.7	5
30054	59.5	112.6	190	12	GEOP	100	25	0	111.6	-73.4	131.7	7
30758	52.0	113.3	685	12	GEOP	200	18	0	45.7	-65.1	78.8	4
31369	53.2	140.7	68	00	GEOP	1000	29	0	11.0	-64.7	65.6	4
42101	30.3	76.5	251	00	GEOP	150	13	0	82.4	-62.2	100.7	4
42101	30.3	76.5	251	12	GEOP	850	28	0	11.6	-32.6	34.6	4
42182	28.6	77.2	216	00	GEOP	850	25	3	14.2	-32.5	35.3	7
42182	28.6	77.2	216	12	GEOP	100	23	2	116.1	25.3	116.1	7
42314	27.5	95.0	111	00	GEOP	100	12	1	86.6	-142.2	164.4	4
42314	27.5	95.0	111	12	GEOP	150	10	2	39.2	-182.3	185.9	7
42339	26.3	73.0	224	00	GEOP	200	19	3	79.7	-91.9	120.0	6
42361	26.2	78.3	207	00	GEOP	200	11	0	64.2	-93.1	111.4	3
42361	26.2	78.3	207	12	GEOP	200	11	0	96.6	-92.9	130.8	4
42369	26.8	80.9	128	00	GEOP	150	21	1	60.0	-161.9	172.2	10
42369	26.8	80.9	128	12	GEOP	200	20	1	98.8	-69.5	118.7	8
42379	26.8	83.4	77	12	GEOP	500	16	0	37.6	38.6	53.1	3
42397	26.7	88.4	123	12	GEOP	700	27	0	19.8	-43.7	47.8	5
42410	26.1	91.6	54	00	GEOP	200	19	0	82.0	-60.4	100.1	6
42410	26.1	91.6	54	12	GEOP	150	10	1	61.6	-141.9	153.3	7
42647	23.1	72.6	55	12	GEOP	200	11	0	97.4	37.7	100.3	5
42667	23.3	77.3	523	12	GEOP	200	16	0	46.1	-88.9	99.5	3
42701	23.3	85.3	652	00	GEOP	100	22	0	110.3	-57.0	121.9	4
42701	23.3	85.3	652	12	GEOP	100	20	1	136.0	-52.9	142.6	6
42724	23.9	91.3	16	12	GEOP	100	14	1	69.8	-169.1	181.9	4
42809	22.6	88.4	6	00	GEOP	200	22	2	51.0	-109.8	120.5	10
42809	22.6	88.4	6	12	GEOP	100	24	1	100.0	-163.4	190.4	6
42867	21.1	79.1	310	00	GEOP	150	16	0	134.1	-56.6	141.6	6
42867	21.1	79.1	310	12	GEOP	150	16	2	106.5	-41.9	110.9	5
42971	20.3	85.8	46	12	GEOP	100	17	0	67.5	-166.7	179.1	6
43003	19.1	72.8	14	00	GEOP	150	21	1	74.4	-158.8	174.6	11
43014	19.9	75.4	579	00	GEOP	250	15	0	95.7	43.7	102.2	5
43014	19.9	75.4	579	12	GEOP	250	10	3	38.0	135.3	139.8	5
43041	19.1	82.0	553	00	GEOP	150	12	0	76.3	-136.3	154.6	4
43041	19.1	82.0	553	12	GEOP	100	10	3	64.0	-157.0	167.8	4
43128	17.5	78.5	545	00	GEOP	150	11	0	67.3	-144.5	158.2	3
43150	17.7	83.3	66	00	GEOP	925	29	0	28.4	-21.4	35.2	5
43192	15.5	73.8	60	00	GEOP	200	26	2	61.9	-125.8	139.7	8
43192	15.5	73.8	60	12	GEOP	150	21	1	49.7	-111.9	122.0	4
43285	12.9	74.8	31	00	GEOP	200	18	1	90.9	-69.1	112.1	6
43285	12.9	74.8	31	12	GEOP	300	23	0	52.6	49.3	71.2	5
43295	13.0	77.6	921	12	GEOP	50	12	0	135.0	66.7	145.4	5
43333	11.7	92.7	79	00	GEOP	100	16	0	56.4	-126.8	138.0	3
43333	11.7	92.7	79	12	GEOP	100	16	1	66.6	-166.7	178.7	4
43346	10.9	79.8	7	00	GEOP	100	21	1	88.7	-173.8	194.1	5
43353	9.9	76.3	3	00	GEOP	100	15	0	81.8	-128.7	151.0	4
43369	8.3	73.2	2	00	GEOP	300	19	0	85.3	61.7	103.5	6
43369	8.3	73.2	2	12	GEOP	250	17	0	60.8	103.6	119.2	6
43371	8.5	76.9	64	00	GEOP	100	24	1	101.6	-160.5	188.8	5
48455	13.7	100.6	20	00	GEOP	150	23	0	24.6	92.7	95.7	4
51431	44.0	81.3	663	12	GEOP	925	31	0	29.6	-21.5	36.2	3

STN No.	LAT	LONGHT(M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
51777	39.0	88.2	889 00	GEOP	850	31	0	22.2	-39.3	44.9	3
51777	39.0	88.2	889 12	GEOP	850	31	0	25.7	-29.9	39.2	3
52418	40.2	94.7	1140 00	GEOP	150	31	0	37.3	-97.0	103.7	5
52418	40.2	94.7	1140 12	GEOP	150	31	0	33.5	-88.4	94.3	3

WMO REGION 3

STN No.	LAT	LONGHT(M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
83612	-20.5	-54.7	567 12	GEOP	200	31	0	18.6	77.8	79.9	3
83779	-28.6	-53.5	10000 00	GEOP	200	30	1	64.0	128.4	143.0	5
83779	-28.6	-53.5	10000 12	GEOP	200	30	0	65.1	143.8	157.4	5

WMO REGION 4

STN No.	LAT	LONGHT(M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
76595	21.0	-86.8	10 12	GEOP	1000	28	0	20.3	-25.5	32.4	3
76723	18.7	-110.9	35 12	GEOP	700	25	0	11.8	48.6	50.0	8
78866	18.0	-63.1	9 12	GEOP	1000	17	1	36.0	-14.3	37.7	7

WMO REGION 5

STN No.	LAT	LONGHT(M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
91366	8.7	167.7	8 00	GEOP	30	23	1	121.5	226.0	255.3	8

WMO REGION 6

STN No.	LAT	LONGHT(M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
15420	44.8	26.4	91 12	GEOP	1000	31	0	11.5	32.3	34.2	3
27612	55.8	37.6	156 00	GEOP	50	21	0	87.6	-113.2	141.9	3
34009	51.8	36.2	247 00	GEOP	30	16	0	136.3	-199.9	239.6	6

WMO REGION ANTARCTICA

STN No.	LAT	LONGHT(M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
89062	-67.6	-68.1	16 12	GEOP	500	16	0	58.3	23.6	61.1	4

LIST OF SUSPECT SHIPS FOR DEC 2004

WIND DIRECTION

SHIP No.	LAT/LONG	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
CGJK	49.9 -127.3	ALL	DD	35	0	0	28.8	-48.3	56.0
DQVK	51.8 2.5	ALL	DD	23	0	0	87.6	-25.5	89.3
ELVZ7	19.3 -106.0	ALL	DD	41	0	0	34.3	-33.6	47.7
ELZT3	-39.0 147.4	ALL	DD	54	12	22	68.9	-31.9	75.2
FNCI	42.9 4.8	ALL	DD	39	7	18	117.1	24.7	117.9
VJIK	-36.9 137.8	ALL	DD	25	2	8	79.0	42.2	88.1
VJNV	-0.8 107.3	ALL	DD	23	0	0	39.9	-36.7	53.6
WYP8657	45.4 -86.9	ALL	DD	23	0	0	23.5	33.2	40.3

WIND SPEED

SHIP No.	LAT/LONG	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
3ERW2	46.4 -126.9	ALL	FF	37	7	19	4.7	7.7	9.0
3FWP3	21.6 113.9	ALL	FF	29	1	3	2.3	6.2	6.7
A8CJ9	33.4 26.0	ALL	FF	39	1	3	5.6	8.4	10.0
C60T4	-17.5 -37.9	ALL	FF	40	0	0	3.0	5.2	6.0
CFD3491	44.8 -66.7	ALL	FF	29	0	0	3.7	5.7	6.7
CG2959	46.1 -60.2	ALL	FF	21	0	0	4.0	-5.7	6.9
CYGR	50.0 -66.8	ALL	FF	26	0	0	3.5	6.3	7.2
ELPT3	53.6 175.3	ALL	FF	71	1	1	5.0	5.4	7.4
ELQB8	54.4 172.0	ALL	FF	93	1	1	3.8	5.2	6.5
ELZT3	-39.0 147.4	ALL	FF	98	13	13	6.6	6.9	9.5
FNCI	42.9 4.8	ALL	FF	77	8	10	6.0	6.8	9.1
LACF5	47.8 -134.8	ALL	FF	44	1	2	3.0	6.4	7.1
LALK4	30.0 -71.9	ALL	FF	43	0	0	5.3	9.9	11.2
MCCN6	11.1 111.6	ALL	FF	71	0	0	6.5	5.2	8.3
OUVU2	54.5 12.3	ALL	FF	38	0	0	2.4	6.3	6.7
OWFU2	57.4 11.0	ALL	FF	26	0	0	3.2	7.8	8.4

SHIP No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
SCKM	45.2	-49.6	ALL	FF	32	0	0	4.6	5.6	7.2
UACU	69.5	30.0	ALL	FF	43	1	2	5.5	5.3	7.6
UCJJ	73.5	80.4	ALL	FF	117	0	0	3.3	5.3	6.2
UCOO	69.9	33.0	ALL	FF	38	0	0	4.2	6.2	7.5
UDWH	65.1	6.5	ALL	FF	29	5	17	6.0	5.3	7.9
UDYN	60.5	-7.5	ALL	FF	95	5	5	4.7	6.5	8.0
UIHY	50.3	140.7	ALL	FF	20	0	0	4.1	5.3	6.6
V7CY4	47.2	-7.1	ALL	FF	30	0	0	3.4	5.1	6.0
VDLC	42.3	-80.2	ALL	FF	30	0	0	3.5	6.7	7.5
VEP717	46.7	-48.7	ALL	FF	117	1	1	5.0	6.5	8.2
VLTT	-39.1	148.2	ALL	FF	82	0	0	3.8	5.5	6.7
VOPM	42.6	-80.0	ALL	FF	22	0	0	3.3	6.0	6.8
VRUR7	35.4	-127.6	ALL	FF	53	6	11	7.7	6.3	9.9
VVKV	28.5	127.7	ALL	FF	45	0	0	3.2	5.8	6.6
WCZ9703	44.0	-82.5	ALL	FF	44	1	2	2.9	6.6	7.2
WE4879	46.9	-86.0	ALL	FF	25	0	0	4.2	6.6	7.8
WYP8657	45.4	-86.9	ALL	FF	55	0	0	3.8	6.7	7.7
WYQ4356	48.0	-89.3	ALL	FF	47	0	0	3.6	6.7	7.6
WYR4481	47.2	-91.3	ALL	FF	49	0	0	3.5	6.5	7.4
WZP8164	47.0	-85.7	ALL	FF	24	0	0	3.0	8.2	8.7

MEAN SEA LEVEL PRESSURE

SHIP No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
ELWD5	37.0	2.8	ALL	MSLP	35	1	3	2.3	4.3	4.9
ELWO6	22.9	-61.0	ALL	MSLP	55	0	0	1.4	-4.2	4.5
FNYF	41.2	6.6	ALL	MSLP	26	0	0	1.2	-4.8	5.0
KMJL	46.3	-125.7	ALL	MSLP	28	0	0	3.0	-4.4	5.3
UDBK	50.3	156.0	ALL	MSLP	23	14	61	11.3	0.4	10.7
UDWH	65.1	6.5	ALL	MSLP	29	11	38	2.6	0.6	2.6
UDYG	-37.3	-95.4	ALL	MSLP	61	1	2	2.0	-6.4	6.7
UDYN	60.5	-7.5	ALL	MSLP	94	16	17	7.0	-1.6	7.1
UFAA	5.0	-4.1	ALL	MSLP	25	12	48	1.5	13.5	13.6
UIFV	45.1	137.1	ALL	MSLP	28	8	29	1.2	0.8	1.4
WADZ	47.2	-124.9	ALL	MSLP	37	0	0	6.0	1.7	6.1
WCY7054	55.9	-148.3	ALL	MSLP	36	2	6	3.1	5.6	6.4
WE4879	46.9	-86.0	ALL	MSLP	25	1	4	1.5	-4.4	4.6
WSRH	38.2	-141.3	ALL	MSLP	42	1	2	2.1	-4.8	5.2
WYR4481	47.2	-91.3	ALL	MSLP	49	2	4	2.9	-4.6	5.4
ZCBE7	37.1	-11.5	ALL	MSLP	20	5	25	4.1	-2.4	4.6

SEA SURFACE TEMPERATURE

SHIP No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
3ERW2	46.4	-126.9	ALL	SST	34	1	3	2.7	3.6	4.5
3FPA6	40.7	-133.1	ALL	SST	60	0	0	1.0	5.9	6.0
9HCH7	38.5	-15.6	ALL	SST	32	2	6	0.8	3.4	3.5
9MBR8	3.4	112.9	ALL	SST	27	0	0	2.2	3.4	4.0
C6QF4	-31.7	-50.9	ALL	SST	52	25	48	2.1	3.3	3.9
CG2960	48.4	-89.2	ALL	SST	34	12	35	2.7	5.3	5.9
CGDS	41.9	-82.9	ALL	SST	46	15	33	4.4	4.2	6.0
CGSB	46.8	-71.2	ALL	SST	85	52	61	3.8	6.5	7.5
CYGR	50.0	-66.8	ALL	SST	25	18	72	3.8	5.3	6.3
DBBA	54.1	12.1	ALL	SST	124	4	3	2.8	3.2	4.3
FNCI	42.9	4.8	ALL	SST	77	1	1	3.1	4.0	5.0
FNFD	36.1	-1.9	ALL	SST	30	3	10	3.8	4.1	5.5
FNIW	5.6	97.1	ALL	SST	39	0	0	1.4	3.1	3.4
FNMT	49.2	-0.2	ALL	SST	93	0	0	2.4	3.0	3.8
FNNB	42.7	9.5	ALL	SST	27	0	0	2.6	3.1	4.0
FNVA	49.4	0.7	ALL	SST	72	0	0	2.3	3.5	4.2
FQDN	43.0	7.2	ALL	SST	45	2	4	1.5	3.6	3.9
H9TO	-30.5	170.8	ALL	SST	34	0	0	0.4	3.1	3.1
KHRC	32.1	-120.5	ALL	SST	44	0	0	1.0	-3.4	3.5
KHRP	36.0	-6.6	ALL	SST	43	0	0	1.6	3.5	3.8
LAHV	70.9	13.8	ALL	SST	52	11	21	3.3	3.2	4.5
LAWO2	-8.6	-34.2	ALL	SST	25	2	8	2.9	3.6	4.6
LF3F	64.3	7.8	ALL	SST	123	0	0	1.3	3.3	3.5
NBTM	-77.9	166.6	ALL	SST	32	9	28	1.6	0.9	1.9
PHSG	21.5	-151.4	ALL	SST	27	0	0	1.1	-4.0	4.1
UACU	69.5	30.0	ALL	SST	42	21	50	3.3	5.2	6.1
UCCH	59.0	159.4	ALL	SST	35	8	23	4.7	4.0	6.1
UCCN	32.3	126.2	ALL	SST	22	4	18	2.3	3.3	4.0
UCCR	47.6	141.1	ALL	SST	20	3	15	3.0	4.9	5.8

SHIP No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
UCCW	44.6	130.3	ALL	SST	25	8	32	3.2	3.5	4.7
UCCZ	48.2	140.7	ALL	SST	49	13	27	3.7	3.4	5.0
UCDN	48.2	141.6	ALL	SST	22	5	23	2.0	6.5	6.7
UCDP	49.3	140.4	ALL	SST	37	12	32	2.9	3.6	4.6
UCEF	31.2	123.0	ALL	SST	31	14	45	3.6	2.6	4.4
UCJO	54.8	-12.9	ALL	SST	31	0	0	1.9	-4.5	4.8
UCOO	69.9	33.0	ALL	SST	38	5	13	2.5	3.5	4.3
UCUQ	72.7	35.4	ALL	SST	62	9	15	2.2	4.6	5.1
UDDE	53.7	160.7	ALL	SST	49	20	41	3.1	5.0	5.9
UFLC	46.4	141.7	ALL	SST	23	6	26	3.5	-1.0	3.6
UGMC	31.6	123.0	ALL	SST	33	8	24	3.2	3.2	4.5
UGTV	45.0	137.2	ALL	SST	22	6	27	3.3	5.0	5.9
UIDO	42.4	131.5	ALL	SST	39	6	15	3.5	3.1	4.6
UIHY	50.3	140.7	ALL	SST	20	6	30	2.9	4.7	5.4
V2AC6	22.3	115.4	ALL	SST	29	0	0	2.2	3.9	4.5
VCDT	47.5	-61.6	ALL	SST	27	7	26	3.9	2.6	4.6
VCLM	62.1	-74.7	ALL	SST	31	17	55	2.8	3.0	4.0
VJRB	-13.8	144.2	ALL	SST	21	0	0	2.3	-4.7	5.2
VOPM	42.6	-80.0	ALL	SST	22	4	18	5.1	4.2	6.5
VVKV	28.5	127.7	ALL	SST	45	1	2	4.3	3.5	5.5
WAAH	50.0	-4.5	ALL	SST	49	0	0	1.7	3.5	3.9
WCW9126	60.6	-151.4	ALL	SST	76	44	58	2.5	5.8	6.3
WCZ5528	52.2	-44.1	ALL	SST	59	1	2	2.5	-3.9	4.6
WCZ9703	44.0	-82.5	ALL	SST	44	19	43	3.6	5.0	6.1
WE4879	46.9	-86.0	ALL	SST	25	18	72	2.5	6.5	6.9
WSRH	38.2	-141.3	ALL	SST	36	0	0	1.1	-3.3	3.5
WWU8	61.0	-151.3	ALL	SST	23	13	57	2.1	5.9	6.2
WYQ4356	48.0	-89.3	ALL	SST	43	24	56	1.9	7.0	7.3
WZP8164	47.0	-85.7	ALL	SST	24	16	67	3.6	6.1	6.9
ZCBE7	37.1	-11.5	ALL	SST	20	0	0	2.0	3.5	4.0

LIST OF SUSPECT BUOYS FOR DEC 2004

WIND DIRECTION

BUOY No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
22101	37.2	126.0	ALL	DD	51	0	0	14.0	135.5	136.2
22103	34.0	127.5	ALL	DD	47	0	0	13.2	45.1	46.9
41595	24.6	-44.9	ALL	DD	48	0	0	12.6	-34.6	36.8
41922	21.6	-71.5	ALL	DD	25	23	92	0.7	0.5	0.7
52083	8.0	155.9	ALL	DD	27	0	0	98.3	-36.6	103.1

WIND SPEED

BUOY No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
41921	27.0	-72.7	ALL	FF	48	0	0	3.6	-5.0	6.2
41922	21.6	-71.5	ALL	FF	51	28	55	8.7	-2.7	9.0
41925	23.9	-72.9	ALL	FF	47	0	0	3.4	-5.7	6.6

MEAN SEA LEVEL PRESSURE

BUOY No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
25572	86.3	-44.9	ALL	MSLP	122	31	25	6.9	-4.8	8.3
25573	81.0	136.9	ALL	MSLP	25	15	60	7.3	-5.9	9.1
33577	-36.0	-26.9	ALL	MSLP	31	31	100	**	**	**
41921	27.0	-72.7	ALL	MSLP	50	1	2	3.6	6.5	7.4
41945	33.2	-117.3	ALL	MSLP	25	21	84	3.8	-5.7	6.6
48619	79.2	-159.5	ALL	MSLP	31	31	100	**	**	**
53524	-9.4	81.9	ALL	MSLP	119	111	93	3.7	6.0	6.9

SEA SURFACE TEMPERATURE

BUOY No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
12506	27.9	35.1	ALL	SST	88	0	0	1.7	3.3	3.6
12507	22.4	36.6	ALL	SST	82	1	1	3.7	3.8	5.3
21701	35.9	131.5	ALL	SST	107	0	0	2.4	3.8	4.5
22584	22.2	119.3	ALL	SST	69	26	38	1.6	-1.3	2.0
44613	70.7	21.4	ALL	SST	79	6	8	2.9	3.4	4.4
46972	16.9	147.1	ALL	SST	81	0	0	0.3	4.4	4.4
56549	-21.6	114.4	ALL	SST	124	33	27	2.2	-4.4	4.9
64608	60.5	-60.0	ALL	SST	117	12	10	1.8	5.5	5.8

1) URL=

http://www.bom.gov.au/nmoc/Docs/Data_Monitoring/Global_monthly_reports/monthly_criteria_suspect_stations.pdf

2)

URL=http://www.bom.gov.au/nmoc/Docs/Data_Monitoring/Global_monthly_reports/monthly_criteria_suspect_stations.html